

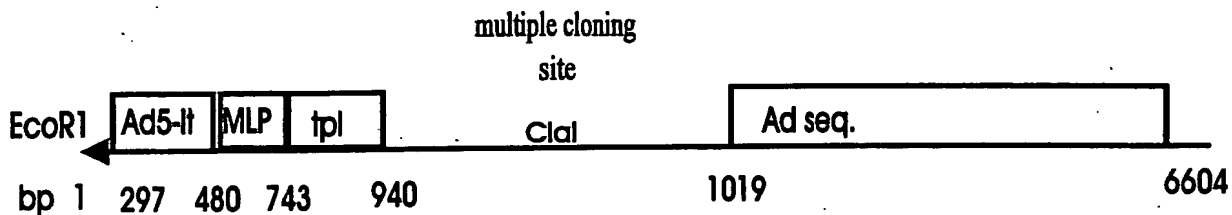
TITLE: A GENE DELIVERY VEHICLE
EXPRESSING THE APOPTOSIS-INDUCING
PROTEINS VP2 AND/OR APOPTIN
Inventor: Noteborn et al.
Serial #: 09/403,213 Docket #: 2906-4999US

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Fig. 1

pMad5 9270 bp

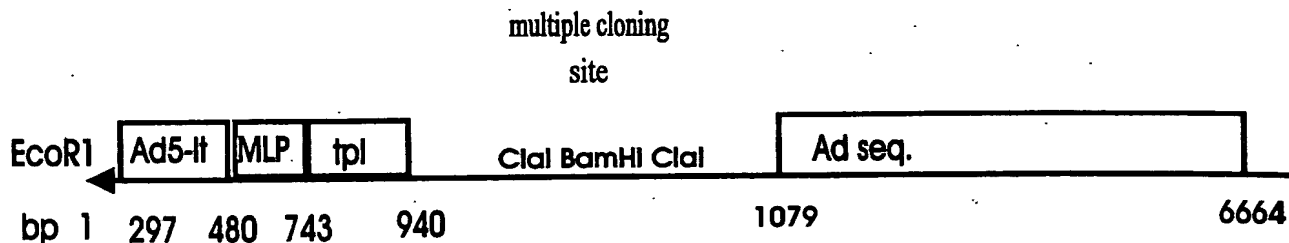


Ad5-5'PvuII (ITR, packaging signal)
Major late promoter (MLP)
Tripartite leader (tpl)
Ad5-BglII fragment (nt 3328-8914 Ad5)
b lactamase

BamHI-ClaI Linker

5'-GATCCCGCACGCGTGCAT-3' SEQ ID NO:5
3'-GGCGTGCGCACGCTAGC-5' SEQ ID NO:6

pMab 9306 bp





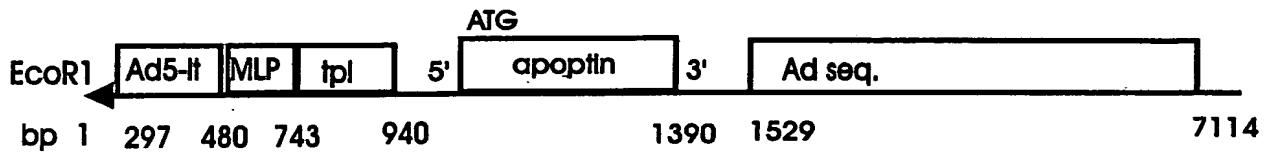
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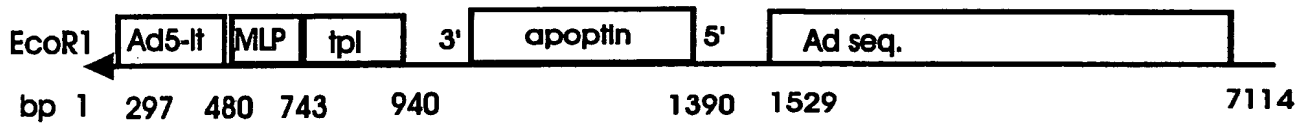
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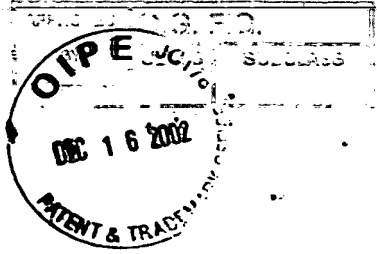
Fig. 2

pMabvp3 9756 bp



pMabcon 9756 bp





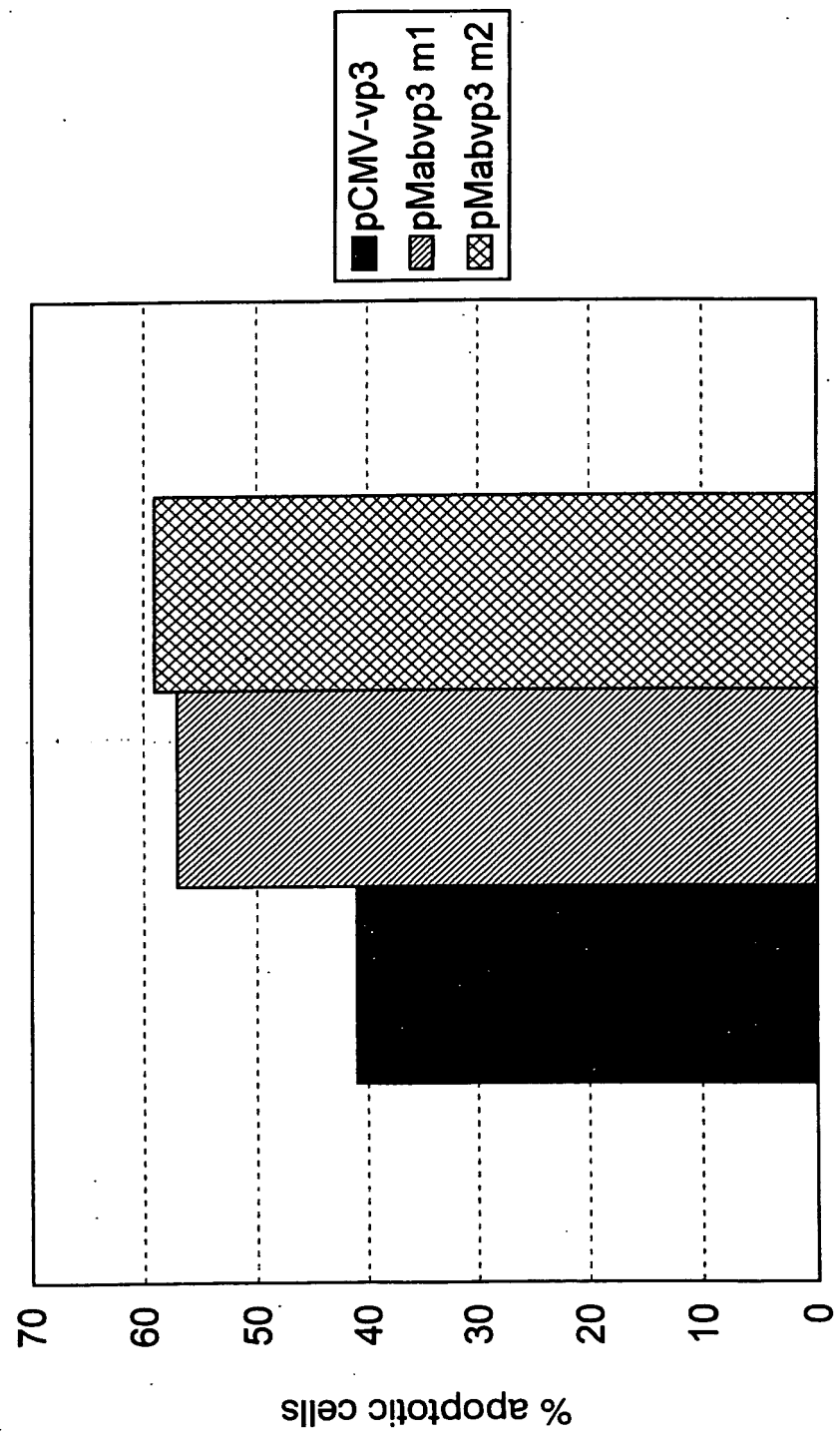
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Fig. 3

Ad transfer vector vs cmv vector
911 3 days after transfection





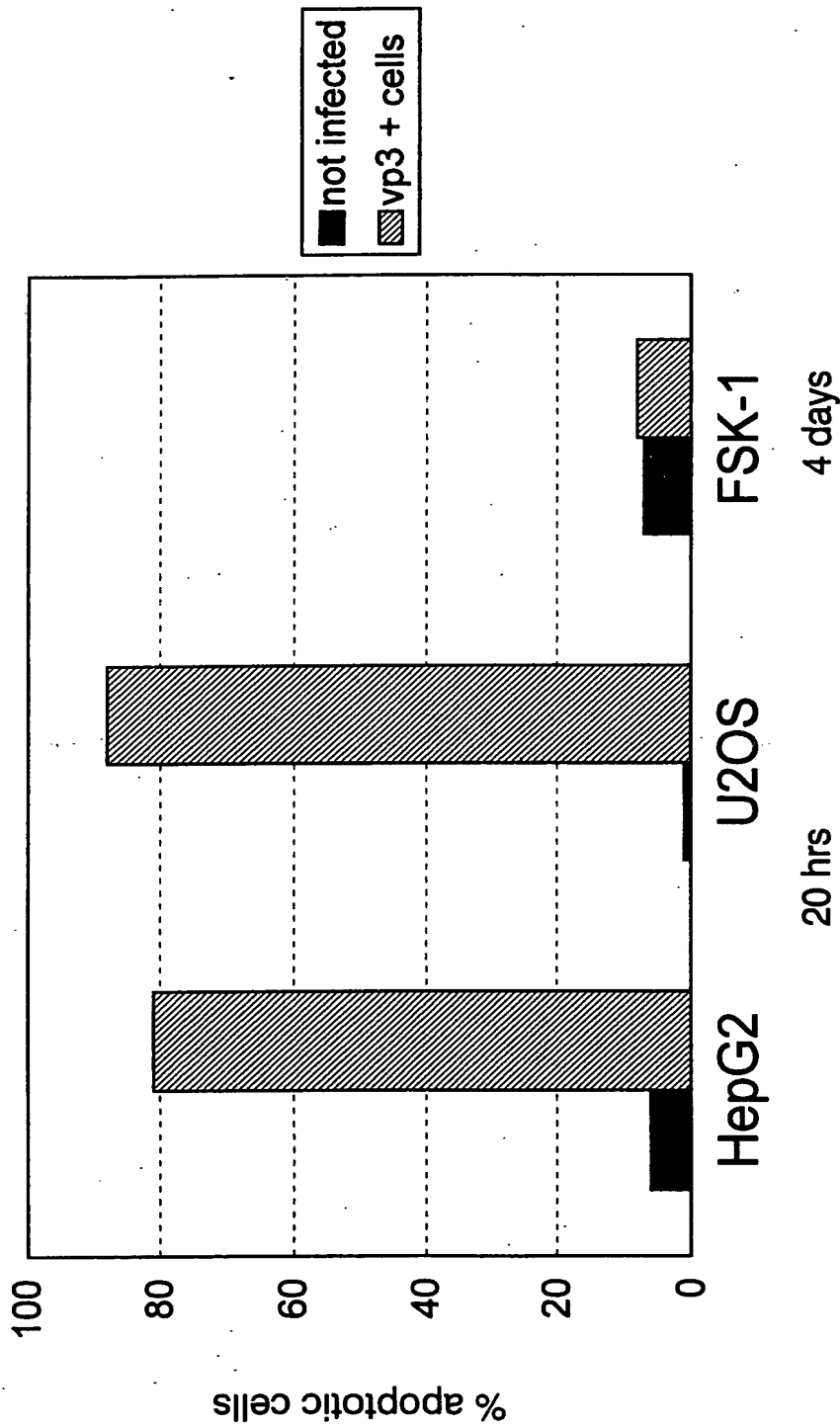
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Fig. 4

effect Ad-vp3 on transformed and normal cells

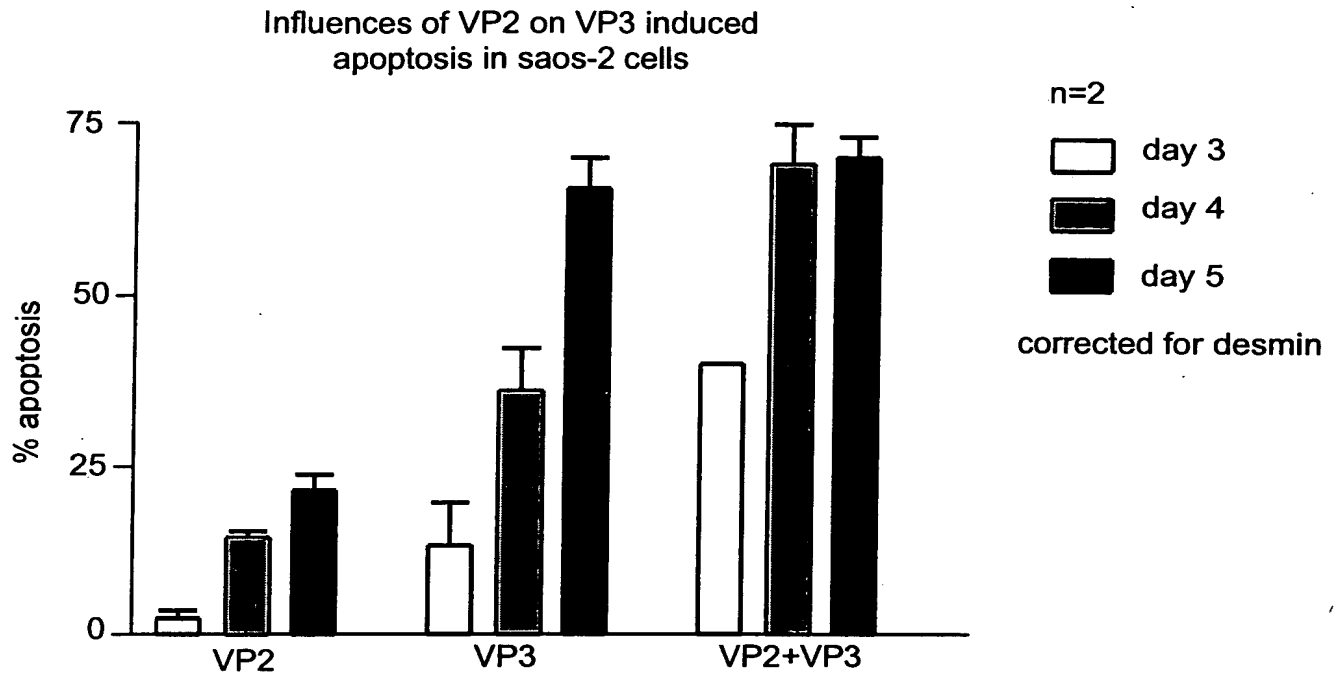


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Fig. 5



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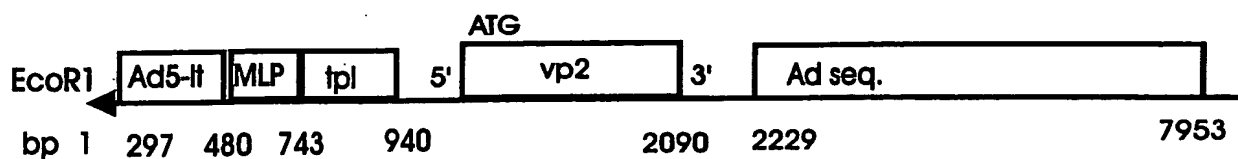
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Fig. 6

pMabvp2 10456 bp



pMabcon2 10456 bp

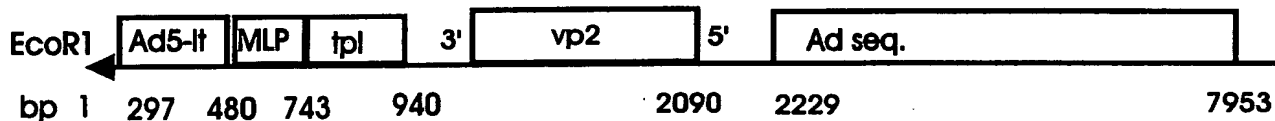


Fig. 7

retroviral VP3 vector:

